

d his

(FILE 'USPAT' ENTERED AT 09:27:31 ON 01 AUG 95)

L1 1557 S RETROVIR?  
L2 44522 S VECTOR OR VECTORS  
L3 3686 S MURINE  
L4 361 S L1 AND L2 AND L3  
L5 6088 S ENHANCER OR ENHANCERS  
L6 160 S L4 AND L5  
L7 400 S (PACKAGING OR HELPER) (W) (CELL OR CELLS)  
L8 31 S L6 AND L7

=> d 1-31

1. 5,436,146, Jul. 25, 1995, Helper-free stocks of recombinant adeno-associated virus vectors ; Thomas E. Shenk, et al., 435/172.3, 91.4, 235.1, 240.2, 320.1; 536/23.72 [IMAGE AVAILABLE]
2. 5,434,340, Jul. 18, 1995, Transgenic mice depleted in mature T-cells and methods for making transgenic mice; Paulus J. A. Krimpenfort, et al., 800/2; 435/172.3; 800/DIG.1; 935/111 [IMAGE AVAILABLE]
3. 5,422,274, Jun. 6, 1995, Internal deletion mutants of soluble T4(CD4); Paul J. Maddon, et al., 435/320.1; 424/188.1, 208.1; 435/69.4, 69.6, 172.3; 530/388.35; 536/23.1 [IMAGE AVAILABLE]
4. 5,416,192, May 16, 1995, Epithelins: novel cysteine-rich growth modulating proteins; Mohammed Shoyab, et al., 530/324; 435/69.1; 530/399 [IMAGE AVAILABLE]
5. 5,399,493, Mar. 21, 1995, Methods and compositions for the optimization of human hematopoietic progenitor cell cultures; Stephen G. Emerson, et al., 435/172.3, 240.2, 240.23 [IMAGE AVAILABLE]
6. 5,378,806, Jan. 3, 1995, Fusion protein produced by retrovirus -mediated secretion; John W. Willis, 530/350; 435/69.7; 530/412; 536/23.4 [IMAGE AVAILABLE]
7. 5,371,193, Dec. 6, 1994, Mammalian cytokine, IL-11; Frances K. Bennett, et al., 530/351; 424/85.1; 435/69.52; 930/141 [IMAGE AVAILABLE]
8. 5,358,866, Oct. 25, 1994, Cytosine deaminase negative selection system for gene transfer techniques and therapies; Craig A. Mullen, et al., 435/240.2, 69.1, 70.1, 227, 240.1, 252.3, 320.1; 536/22.1, 23.1, 23.2, 23.7, 23.74 [IMAGE AVAILABLE]
9. 5,354,678, Oct. 11, 1994, Production of recombinant adeno-associated virus vectors ; Jane S. Lebkowski, et al., 435/172.3, 235.1, 240.2, 320.1; 935/32, 70, 71 [IMAGE AVAILABLE]
10. 5,354,674, Oct. 11, 1994, Method of gene transfer using retrotransposons; Clague P. Hodgson, 435/172.3, 69.1, 172.1, 172.2, 235.1, 240.2, 320.1 [IMAGE AVAILABLE]
11. 5,328,470, Jul. 12, 1994, Treatment of diseases by site-specific instillation of cells or site-specific transformation of cells and kits therefor; Elizabeth G. Nabel, et al., 604/101, 96; 606/194 [IMAGE AVAILABLE]
12. 5,324,655, Jun. 28, 1994, Human Y-interferon signal peptide-tumor

necrosis factor(TNF) gene fusions; Michael Kriegler, et al., 435/240.2, 69.1, 69.5, 69.7, 69.8, 172.1, 172.3, 240.1, 320.1; 536/23.1, 23.2, 23.4, 23.5, 23.52; 935/23, 24, 27, 32, 34, 44, 47, 48, 66, 70, 71 [IMAGE AVAILABLE]

13. 5,324,643, Jun. 28, 1994, Method of conferring resistance to retroviral infection; Wilson Greatbatch, et al., 435/91.32, 91.1, 91.3, 172.3, 240.1, 240.2; 536/23.1; 935/3, 6, 34, 70 [IMAGE AVAILABLE]

14. 5,320,962, Jun. 14, 1994, DNA encoding the human A1 adenosine receptor; Gary L. Stiles, et al., 435/252.3, 69.1, 320.1; 536/23.5 [IMAGE AVAILABLE]

15. 5,314,995, May 24, 1994, Therapeutic interleukin-2-antibody based fusion proteins; Henry P. Fell, Jr., et al., 530/351; 424/85.1, 85.2, 134.1, 800; 435/69.5, 69.52, 69.7, 70.2, 70.21; 530/387.1, 387.3, 387.7, 388.3, 388.4, 388.5, 388.6, 388.8, 388.85, 391.7, 391.9; 935/47 [IMAGE AVAILABLE]

16. 5,314,813, May 24, 1994, Drosophila cell lines expressing genes encoding MHC class I antigens and B2-microglobulin and capable of assembling empty complexes and methods of making said cell lines; Per A. Peterson, et al., 435/172.3, 240.1, 320.1 [IMAGE AVAILABLE]

17. 5,306,631, Apr. 26, 1994, Compositions and method for inhibition of HIV production; Gail Harrison, et al., 435/172.3, 240.2, 320.1; 935/56, 71 [IMAGE AVAILABLE]

18. 5,278,056, Jan. 11, 1994, Retroviral packaging cell lines and process of using same; Arthur Bank, et al., 435/172.3, 240.1, 240.2; 935/57, 70, 71 [IMAGE AVAILABLE]

19. 5,256,560, Oct. 26, 1993, Primitive cell colony stimulating factors and lymphohematopoietic progenitor cells; Michael J. P. Lawman, et al., 435/240.2, 240.21, 240.25 [IMAGE AVAILABLE]

20. 5,252,465, Oct. 12, 1993, Avian erythroblastosis virus vectors for integration and expression of heterologous genes in avian cells; Victor-Marc Nigon, et al., 435/69.1, 172.2, 172.3, 239, 240.1, 240.2, 320.1; 935/24, 32, 34, 57, 70 [IMAGE AVAILABLE]

21. 5,219,740, Jun. 15, 1993, Retroviral gene transfer into diploid fibroblasts for gene therapy; A. Dusty Miller, et al., 435/69.6; 424/93.2, 93.21; 435/172.3, 183, 193, 227, 240.1, 320.1; 935/32, 57, 62, 70, 71 [IMAGE AVAILABLE]

22. 5,215,895, Jun. 1, 1993, DNA encoding a mammalian cytokine, interleukin-11; Frances K. Bennett, et al., 435/69.52, 69.5, 172.3, 240.1, 243, 252.3, 320.1; 536/23.5; 935/22, 52, 60, 66 [IMAGE AVAILABLE]

23. 5,175,384, Dec. 29, 1992, Transgenic mice depleted in mature T-cells and methods for making transgenic mice; Paulus J. A. Krimpenfort, et al., 800/2; 435/172.3; 800/DIG.1; 935/111 [IMAGE AVAILABLE]

24. 5,175,099, Dec. 29, 1992, Retrovirus -mediated secretion of recombinant products; John W. Wills, 435/69.7, 252.3, 320.1; 530/350; 536/23.72 [IMAGE AVAILABLE]

25. 5,126,433, Jun. 30, 1992, Soluble forms of the T cell surface protein CD4; Paul J. Maddon, et al., 530/395, 350, 380, 387.2, 387.9,

389.1 [IMAGE AVAILABLE]

26. 5,126,260, Jun. 30, 1992, Human erythroid-specific transcriptional enhancer ; Dorothy Y. H. Tuan, et al., 435/240.2, 69.1, 69.6, 172.3, 320.1; 935/34, 36, 70 [IMAGE AVAILABLE]

27. 5,115,096, May 19, 1992, Amphiregulin: a bifunctional growth modulating glycoprotein; Mohammed Shoyab, et al., 530/322, 324 [IMAGE AVAILABLE]

28. 5,110,906, May 5, 1992, Derivatives of soluble T-4; Paul J. Maddon, et al., 530/350; 435/5, 974; 530/395, 821; 930/221 [IMAGE AVAILABLE]

29. 5,082,670, Jan. 21, 1992, Method of grafting genetically modified cells to treat defects, disease or damage or the central nervous system; Fred H. Gage, et al., 424/520, 570; 435/172.3, 240.2, 948; 514/44; 935/62, 70 [IMAGE AVAILABLE]

30. 4,997,763, Mar. 5, 1991, Vectors for gene insertion into avian germ line; Stephen H. Hughes, et al., 435/172.3, 317.1; 800/2, DIG.1; 935/32 [IMAGE AVAILABLE]

31. 4,861,719, Aug. 29, 1989, DNA constructs for retrovirus packaging cell lines; A. Dusty Miller, 435/236, 69.1, 91.42, 172.3, 240.2, 320.1, 948; 536/23.1, 24.1, 24.2; 935/32, 34, 57, 70, 71 [IMAGE AVAILABLE]

=> d his

(FILE 'USPAT' ENTERED AT 09:27:31 ON 01 AUG 95)

|    |   |
|----|---|
| L1 | 1557 S RETROVIR?                                |
| L2 | 44522 S VECTOR OR VECTORS                       |
| L3 | 3686 S MURINE                                   |
| L4 | 361 S L1 AND L2 AND L3                          |
| L5 | 6088 S ENHANCER OR ENHANCERS                    |
| L6 | 160 S L4 AND L5                                 |
| L7 | 400 S (PACKAGING OR HELPER) (W) (CELL OR CELLS) |
| L8 | 31 S L6 AND L7                                  |
| L9 | 2 S MYELOPROLIFERATIVE (W) SARCOMA (W) VIRUS    |

=> d 1-2

1. 5,427,925, Jun. 27, 1995, Recombinant method for making leukemia inhibitor factor; David P. Gearing, et al., 435/69.5, 69.8, 240.2, 252.33 [IMAGE AVAILABLE]

2. 5,187,077, Feb. 16, 1993, Leukaemia inhibitory factor; David P. Gearing, et al., 435/69.1, 69.5, 240.2, 252.3, 252.33, 254.2, 320.1; 536/23.5, 23.51, 24.1, 24.31 [IMAGE AVAILABLE]

=>

| Set | Items  | Description                            |
|-----|--------|--|
| S1  | 149    | MYELOPROLIFERATIVE(W) SARCOMA(W) VIRUS |
| S2  | 24082  | ENHANCER                               |
| S3  | 4898   | LTR                                    |
| S4  | 749    | LTRS                                   |
| S5  | 5074   | S3 OR S4                               |
| S6  | 28     | S1 AND S5                              |
| S7  | 16     | RD (unique items)                      |
| S8  | 110593 | VECTOR OR VECTORS                      |
| S9  | 0      | S7 AND S8]                             |
| S10 | 8      | S7 AND S8                              |

?d s10/3/1-8

Display 10/3/1 (Item 1 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)

(c) 1995 BIOSIS. All rts. reserv.

11521379 BIOSIS Number: 98121379

Multiple modifications in cis elements of the long terminal repeat of retroviral vectors lead to increased DNA methylation in embryonic carcinoma cells

Challita P-M; Skelton D; El-Khoueiry A; Yu X-J; Weinberg K; Kohn D B

Div. Res. Immunol./Bone Marrow Transplantation, Mailstop 62, Child. Hosp. Los Angeles, 4650 Sunset Blvd., Los Angeles, CA 90027, USA

Journal of Virology 69 (2). 1995. 748-755.

Full Journal Title: Journal of Virology

ISSN: 0022-538X

Language: ENGLISH

Print Number: Biological Abstracts Vol. 099 Iss. 006 Ref. 077936

- end of record -

?

Display 10/3/2 (Item 2 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)

(c) 1995 BIOSIS. All rts. reserv.

11345028 BIOSIS Number: 97545028

Expression efficiency of the human thrombomodulin-encoding gene in various vector and host systems

Lin J-H; Wang M; Andrews W H; Wydro R; Morser J

Berlex Biosci., 15049 San Pablo Ave., Richmond, CA 94804, USA

Gene (Amsterdam) 147 (2). 1994. 287-292.

Full Journal Title: Gene (Amsterdam)

ISSN: 0378-1119

Language: ENGLISH

Print Number: Biological Abstracts Vol. 098 Iss. 012 Ref. 162651

- end of record -

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Display 10/3/3 (Item 3 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)

(c) 1995 BIOSIS. All rts. reserv.

11307210 BIOSIS Number: 97507210

Retroviral vector design for long-term expression in murine hematopoietic cells in vivo

Correll P H; Colilla S; Karlsson S

Molecular Med. Genetics Sect., Developmental Metabolic Neurol. Branch, National Inst. Neurological Disease Stroke, National Inst. Health, Build. 10, Room 3D04, Bethesda, MD 20892, USA

Blood 84 (6). 1994. 1812-1822.  
Full Journal Title: Blood  
ISSN: 0006-4971  
Language: ENGLISH  
Print Number: Biological Abstracts Vol. 098 Iss. 011 Ref. 142949

- end of record -

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Display 10/3/4 (Item 4 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

11244511 BIOSIS Number: 97444511

Expression of human glucocerebrosidase in murine macrophages:  
Identification of efficient retroviral vectors  
Freas-Lutz D L; Correll P H; Dougherty S F; Xu L; Pluznik D H; Karlsson S  
NIH/NINDS/DMNB/MMGS, Build. 10, Room 3D04, Bethesda, MD 20892, USA  
Experimental Hematology (Charlottesville) 22 (9). 1994. 857-865.  
Full Journal Title: Experimental Hematology (Charlottesville)  
ISSN: 0301-472X  
Language: ENGLISH  
Print Number: Biological Abstracts Vol. 098 Iss. 008 Ref. 098823

- end of record -

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Display 10/3/5 (Item 5 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

10848352 BIOSIS Number: 97048352

Selective expression of methotrexate-resistant dihydrofolate reductase  
(DHFR) activity in mice transduced with DHFR retrovirus and administered  
methotrexate  
Vinh D B-N; McIvor R S  
Inst. Human Genetics, Box 206 UMHC, Harvard St. at East River Road, Univ.  
Minnesota, Minneapolis, MN 55455, USA  
Journal of Pharmacology and Experimental Therapeutics 267 (2). 1993.  
989-996.  
Full Journal Title: Journal of Pharmacology and Experimental  
Therapeutics  
ISSN: 0022-3565  
Language: ENGLISH  
Print Number: Biological Abstracts Vol. 097 Iss. 003 Ref. 031983

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Display 10/3/6 (Item 6 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

7733062 BIOSIS Number: 90101062

ABROGATION OF THE REQUIREMENT FOR FEEDER CELL INTERACTION AND T CELL  
RECEPTOR STIMULATION OF LYMPHOCYTES INFECTED WITH RETROVIRAL VECTORS  
LAKER C; GRAENING G; KELSO A; STOCKING C; OSTERTAG W  
HEINRICH-PETTE-INST. EXPERIMENTELLE VIROLOGIE UND IMMUNOLOGIE DER UNIV.  
HAMBURG, MARTINISTRASSE 52, D-2000 HAMBURG 20, WEST GERMANY.  
J EXP MED 172 (2). 1990. 447-456. CODEN: JEMEA  
Full Journal Title: Journal of Experimental Medicine  
Language: ENGLISH

(c) 1995 BIOSIS. All rts. reserv.

6448662 BIOSIS Number: 85049183

AUTOCRINE STIMULATION AFTER TRANSFER OF THE GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR GENE AND AUTONOMOUS GROWTH ARE DISTINCT BUT INTERDEPENDENT STEPS IN THE ONCOGENIC PATHWAY

LAKER C; STOCKING C; BERGHOLZ U; HESS N; DE LAMARTER J F; OSTERTAG W  
HEINRICH-PETTE-INST. FUER EXPERIMENTELLE VIROLOGIE UND IMMUNOLOGIE AN DER  
UNIV. HAMBURG, MARTINISTRASSE 52, 2000 HAMBURG 20, FEDERAL REPUBLIC OF  
GERMANY.

PROC NATL ACAD SCI U S A 84 (23). 1987. 8458-8462. CODEN: PNASA

Full Journal Title: Proceedings of the National Academy of Sciences of  
the United States of America

Language: ENGLISH

- end of record -

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Display 14/3/2 (Item 2 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)

(c) 1995 BIOSIS. All rts. reserv.

6034988 BIOSIS Number: 34037295

RETROVIRAL VECTORS FOR GENE TRANSFER AND EXPRESSION IN HEMATOPOIETIC  
CELLS

HUNT N; LAKER C; STOCKING C; HESS N; NOBIS P; SIEB J; OSTERTAG W  
HEINRICH-PETTE-INST. EXP. VIROL. IMMUNOL., UNIV. HAMBERG, MARTINITSTRASSE  
52, 2000 HAMBURG 20, FRG.

RICH, I. N. (ED.). NATO ASI (ADVANCED SCIENCES INSTITUTE) SERIES, SERIES  
H: CELL BIOLOGY, VOL. 8. MOLECULAR AND CELLULAR ASPECTS OF ERYTHROPOIETIN  
AND ERYTHROPOIESIS; MEETING, BAD WINDSHEIM, WEST GERMANY, SEPTEMBER 1-4,  
1986. VIII+460P. SPRINGER-VERLAG NEW YORK, INC.: SECAUCUS, NEW JERSEY, USA;  
SPRINGER-VERLAG: BERLIN, WEST GERMANY. ILLUS. PAPER. ISBN 0-387-17782-5;  
ISBN 3-540-17782-5. 0 (0). 1987. 103-121. CODEN: NASBE

Language: ENGLISH

Document Type: CONFERENCE PAPER

- end of record -

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Display 14/3/3 (Item 3 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)

(c) 1995 BIOSIS. All rts. reserv.

6016547 BIOSIS Number: 34018854

OPTIMIZING RETROVIRUS EXPRESSION VECTORS

ARTELT P; DIEPENBROCK F; HAUSER H

GESELLSCHAFT BIOTECHNOLOGISCHE FORSCHUNG MBH, DEP. GENETICA,  
MASCHERODWERWEG 1, D-3300 BRAUNSCHWEIG.

FALL MEETING OF THE SOCIETY FOR BIOLOGICAL CHEMISTRY, ERLANGEN, WEST  
GERMANY, SEPTEMBER 27-30, 1987. BIOL CHEM HOPPE-SEYLER 368 (9). 1987.  
1017. CODEN: BCHSE

Language: ENGLISH

Document Type: CONFERENCE PAPER

- end of record -

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Display 14/3/4 (Item 4 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)

(c) 1995 BIOSIS. All rts. reserv.

5951596 BIOSIS Number: 84084161

QP501.25 *missing*  
film

STABLE EXPRESSION OF A SELECTABLE MYELOPROLIFERATIVE SARCOMA VIRUS IN  
MURINE T LYMPHOCYTE AND MONOCYTE CELL LINES  
SELIGER B; KRUPPA G; PFIZENMAIER K  
CLIN. RES. GROUP "BRWTI", MAX-PLANCK-SOC., GOSSLERSTR. 10D, D-3400  
GOETTINGEN, FRG.  
IMMUNOBIOLOGY 174 (3). 1987. 313-325. CODEN: IMMND  
Full Journal Title: Immunobiology  
Language: ENGLISH

- end of record -

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Display 14/3/5 (Item 5 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

5946019 BIOSIS Number: 84078584  
MURINE GAMMA INTERFERON INHIBITS V-MOS-INDUCED FIBROBLAST TRANSFORMATION  
VIA DOWN REGULATION OF RETROVIRAL GENE EXPRESSION  
SELIGER B; KRUPPA G; PFIZENMAIER K  
CLINICAL RES. GROUP, BIOL. REGULATION HOST-TUMOR INTERACTION, MAX PLANCK  
SOCIETY, 3400 GOETTINGEN, W. GERMANY.  
J VIROL 61 (8). 1987. 2567-2572. CODEN: JOVIA  
Full Journal Title: Journal of Virology  
Language: ENGLISH

- end of record -

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Display 14/3/6 (Item 6 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

5834336 BIOSIS Number: 83096643  
A TEMPERATURE-SENSITIVE MUTANT OF THE MYELOPROLIFERATIVE SARCOMA VIRUS  
ALTERED BY A POINT MUTATION IN THE MOS ONCOGENE HAS BEEN MODIFIED AS  
SELECTABLE RETROVIRAL VECTOR  
FRIEL J; STOCKING C; STACEY A; OSTERTAG W  
HEINRICH-PETTE-INST. FUER EXPERIMENTALLE VIROLOGIE UND IMMUNOLOGIE AN DER  
UNIV. HAMBURG, 2000 HAMBURG 20, FRG.  
J VIROL 61 (3). 1987. 889-897. CODEN: JOVIA  
Full Journal Title: Journal of Virology  
Language: ENGLISH

- end of record -

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Display 14/3/7 (Item 7 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

5711630 BIOSIS Number: 33106651  
RETROVIRAL VECTORS AS TOOLS FOR THE STUDY OF STEM CELL DIFFERENTIATION  
OSTERTAG W; STOCKING C; GREZ M; LAKER C; HILBERG F; DEXTER M; SPOONCER E  
HEINRICH-PETTE-INST., 2000 HAMBURG 20, GER.  
EUROPEAN DEVELOPMENTAL BIOLOGY CONGRESS, HELSINKI, FINLAND, JUNE 14-18,  
1987. CELL DIFFER 20 (SUPPL.). 1987. 108S. CODEN: CLDFA  
Language: ENGLISH  
Document Type: CONFERENCE PAPER

- end of record -

?

Display 14/3/8 (Item 8 from file: 55)

DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

5399187 BIOSIS Number: 82043990

RETROVIRAL MUTANTS EFFICIENTLY EXPRESSED IN EMBRYONAL CARCINOMA CELLS  
FRANZ T; HILBERG F; SELIGER B; STOCKING C; OSTERTAG W  
HEINRICH-PETTE INST. EXPERIMENTELLE VIROLOGIE UND IMMUNOLOGIE AN DER  
UNIV. HAMBURG, MARTINISTRASSE 52, 2000 HAMBURG 20, FRG.

PROC NATL ACAD SCI U S A 83 (10). 1986. 3292-3296. CODEN: PNASA  
Full Journal Title: Proceedings of the National Academy of Sciences of  
the United States of America  
Language: ENGLISH

- end of record -

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Display 14/3/9 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 1995 Knight-Ridder Info. All rts. reserv.

06393221 88038221

Expression of genes transferred to haemopoietic stem cells by recombinant  
retroviruses.

Bowtell DD; Johnson GR; Kelso A; Cory S  
Walter and Eliza Hall Institute of Medical Research, Royal Melbourne  
Hospital, Victoria, Australia.

Mol Biol Med (ENGLAND) Aug 1987, 4 (4) p229-50, ISSN 0735-1313  
Journal Code: MOL

Contract/Grant No.: CA12421; CA25972

Languages: ENGLISH

Document type: JOURNAL ARTICLE

*Not in  
Library* *applicant  
but  
this one in spec.*

- end of record -

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Display 14/3/10 (Item 2 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 1995 Knight-Ridder Info. All rts. reserv.

05952158 86253158

The myeloproliferative sarcoma virus retains transforming functions after  
introduction of a dominant selectable marker gene.

Ostertag W; Seliger B; Kollek R; Stocking C; Bergholz U; Smadja-Joffe F  
J Gen Virol (ENGLAND) Jul 1986, 67 ( Pt 7) p1361-71, ISSN 0022-1317

Journal Code: I9B

Languages: ENGLISH

Document type: JOURNAL ARTICLE

- end of display -

?ds

| Set | Items  | Description                              |
|-----|--------|--|
| S1  | 149    | MYELOPROLIFERATIVE (W) SARCOMA (W) VIRUS |
| S2  | 24082  | ENHANCER                                 |
| S3  | 4898   | LTR                                      |
| S4  | 749    | LTRS                                     |
| S5  | 5074   | S3 OR S4                                 |
| S6  | 28     | S1 AND S5                                |
| S7  | 16     | RD (unique items)                        |
| S8  | 110593 | VECTOR OR VECTORS                        |
| S9  | 0      | S7 AND S8]                               |
| S10 | 8      | S7 AND S8                                |



S11 60 S1 AND S8  
S12 3679518 PY=1986:1987  
S13 16 S11 AND S12  
S14 10 RD (unique items)  
S15 0 MOLONEY(W) FRIEND(W) VIRUS  
S16 0 S MOLONEY(W) FRIEND  
S17 1441 FRIEND(W) VIRUS  
S18 4507 MOLONEY  
S19 73 S17 AND S18  
S20 20 S2 AND S19  
S21 14 RD (unique items)  
?d s21/3/1-14

Display 21/3/1 (Item 1 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

10130514 BIOSIS Number: 95130514

TWO FACTORS THAT BIND TO HIGHLY CONSERVED SEQUENCES IN MAMMALIAN TYPE C  
RETROVIRAL ENHANCERS

MANLEY N R; O'CONNELL M; SUN W; SPECK N A; HOPKINS N  
CENTER CANCER RES., MASSACHUSETTS INST. TECHNOLOGY, CAMBRIDGE, MA 02139.  
J VIROL 67 (4). 1993. 1967-1975. CODEN: JOVIA  
Full Journal Title: Journal of Virology  
Language: ENGLISH

- end of record -

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Display 21/3/2 (Item 2 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

7198535 BIOSIS Number: 88121280

NUCLEAR FACTORS THAT BIND TO THE ENHANCER REGION OF NONDEFECTIVE FRIEND  
MURINE LEUKEMIA VIRUS

MANLEY N R; O'CONNELL M A; SHARP P A; HOPKINS N  
DEP. BIOL., MASS. INST. TECHNOL., 77 MASSACHUSETTS AVE., CAMBRIDGE, MASS.  
02139.  
J VIROL 63 (10). 1989. 4210-4223. CODEN: JOVIA  
Full Journal Title: Journal of Virology  
Language: ENGLISH

- end of record -

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Display 21/3/3 (Item 3 from file: 55)  
DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
(c) 1995 BIOSIS. All rts. reserv.

6989730 BIOSIS Number: 87050251

DISTINCT SEGMENTS WITHIN THE ENHANCER REGION COLLABORATE TO SPECIFY THE  
TYPE OF LEUKEMIA INDUCED BY NONDEFECTIVE FRIEND AND MOLONEY VIRUSES

GOLEMIS E; LI Y; FREDERICKSON T N; HARTLEY J W; HOPKINS N  
BIOL. DEP., MASS. INST. TECHNOL., 77 MASSACHUSETTS AVE., CAMBRIDGE, MASS.  
02139, USA.  
J VIROL 63 (1). 1989. 328-337. CODEN: JOVIA  
Full Journal Title: Journal of Virology  
Language: ENGLISH

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Display 21/3/4 (Item 4 from file: 55)

*Friend virus*  
↓

DIALOG(R)File 55:BIOSIS PREVIEWS(R)  
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5836388 BIOSIS Number: 83098695

DISEASE SPECIFICITY OF NONDEFECTIVE FRIEND AND MOLONEY MURINE LEUKEMIA  
VIRUSES IS CONTROLLED BY A SMALL NUMBER OF NUCLEOTIDES

LI Y; GOLEMIS E; HARTLEY J W; HOPKINS N  
CENTER FOR CANCER RESEARCH, DEP. BIOLOGY, MASS. INST. TECHNOLOGY,  
CAMBRIDGE, MASS. 02139.

J VIROL 61 (3). 1987. 693-700. CODEN: JOVIA

Full Journal Title: Journal of Virology

Language: ENGLISH

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Display 21/3/5 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 1995 Knight-Ridder Info. All rts. reserv.

08478147 93188147

Characterization of a protein that binds multiple sequences in mammalian  
type C retrovirus enhancers.

Sun W; O'Connell M; Speck NA

Department of Biochemistry, Dartmouth Medical School, Hanover, New  
Hampshire 03755.

J Virol (UNITED STATES) Apr 1993, 67 (4) p1976-86, ISSN 0022-538X

Journal Code: KCV

Contract/Grant No.: CA51065-01A1, CA, NCI; CA23018, CA, NCI

Languages: ENGLISH

RNA~~ARTICLE~~Type: JOU

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Display 21/3/6 (Item 2 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 1995 Knight-Ridder Info. All rts. reserv.

07117765 90024765

Genetic basis of disease specificity of nondefective Friend murine  
leukemia virus.

Hopkins N

Biology Department, Massachusetts Institute of Technology, Cambridge  
02139.

Ann N Y Acad Sci (UNITED STATES) 1989, 567 p14-25, ISSN 0077-8923

Journal Code: 5NM

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

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Display 21/3/7 (Item 3 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 1995 Knight-Ridder Info. All rts. reserv.

06574522 88219522

An enhancer sequence instability that diversifies the cell repertoire for  
expression of a murine leukemia virus.

Spiro C; Li JP; Bestwick RK; Kabat D

Department of Biochemistry, School of Medicine, Oregon Health Sciences  
University, Portland 97201.

Virology (UNITED STATES) Jun 1988, 164 (2) p350-61, ISSN 0042-6822  
Journal Code: XEA  
Contract/Grant No.: CA25810  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

- end of record -

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Display 21/3/8 (Item 4 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

06446076 88091076

A DNA element responsible for the different tissue specificities of Friend and Moloney retroviral enhancers.

Thiesen HJ; Bosze Z; Henry L; Charnay P  
Differentiation Programme, European Molecular Biology Laboratory,  
Heidelberg, Federal Republic of Germany.

J Virol (UNITED STATES) Feb 1988, 62 (2) p614-8, ISSN 0022-538X  
Journal Code: KCV

Languages: ENGLISH

Document type: JOURNAL ARTICLE

*listed in Spec.*

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Display 21/3/9 (Item 5 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

06423649 88068649

Enhancer sequences of a retroviral vector determine expression of a gene in multipotent hematopoietic progenitors and committed erythroid cells.

Holland CA; Anklesaria P; Sakakeeny MA; Greenberger JS  
Department of Radiation Oncology, University of Massachusetts Medical  
Center, Worcester 01605.

Proc Natl Acad Sci U S A (UNITED STATES) Dec 1987, 84 (23) p8662-6,  
ISSN 0027-8424 Journal Code: PV3

Contract/Grant No.: CA39851; CA40818

Languages: ENGLISH

Document type: JOURNAL ARTICLE

*listed in Spec.*

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Display 21/3/10 (Item 6 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

06224935 87198935

Sequences responsible for erythroid and lymphoid leukemia in the long terminal repeats of Friend-mink cell focus-forming and Moloney murine leukemia viruses.

Ishimoto A; Takimoto M; Adachi A; Kakuyama M; Kato S; Kakimi K; Fukuoka K  
; Ogiu T; Matsuyama M

J Virol (UNITED STATES) Jun 1987, 61 (6) p1861-6, ISSN 0022-538X  
Journal Code: KCV

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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Display 21/3/11 (Item 7 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

05999663 86300663

A transcriptional enhancer with specificity for erythroid cells is located in the long terminal repeat of the Friend murine leukemia virus.

Bosze Z; Thiesen HJ; Charnay P

EMBO J (ENGLAND) Jul 1986, 5 (7) p1615-23, ISSN 0261-4189

Journal Code: EMB

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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Q4506.F5

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Display 21/3/12 (Item 8 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

05904900 86205900

Tissue tropism of a leukemogenic murine retrovirus is determined by sequences outside of the long terminal repeats.

Wolff L; Ruscetti S

Proc Natl Acad Sci U S A (UNITED STATES) May 1986, 83 (10) p3376-80,

ISSN 0027-8424 Journal Code: PV3

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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Display 21/3/13 (Item 9 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

05744968 86045968

Comparison of the transcriptional properties of the Friend and Moloney retrovirus long terminal repeats: importance of tandem duplications and of the core enhancer sequence.

Clark SP; Kaufhold R; Chan A; Mak TW

Virology (UNITED STATES) Jul 30 1985, 144 (2) p481-94, ISSN 0042-6822

Journal Code: XEA

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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Display 21/3/14 (Item 10 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 1995 Knight-Ridder Info. All rts. reserv.

05393860 85009860

A 3' end fragment encompassing the transcriptional enhancers of nondefective Friend virus confers erythroleukemogenicity on Moloney leukemia virus.

Chatis PA; Holland CA; Silver JE; Frederickson TN; Hopkins N; Hartley JW

J Virol (UNITED STATES) Oct 1984, 52 (1) p248-54, ISSN 0022-538X

Journal Code: KCV

Contract/Grant No.: CA19308; CA26717; CA14051; +

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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| Set | Items   | Description                              |
|-----|---------|--|
| S1  | 149     | MYELOPROLIFERATIVE (W) SARCOMA (W) VIRUS |
| S2  | 24082   | ENHANCER                                 |
| S3  | 4898    | LTR                                      |
| S4  | 749     | LTRS                                     |
| S5  | 5074    | S3 OR S4                                 |
| S6  | 28      | S1 AND S5                                |
| S7  | 16      | RD (unique items)                        |
| S8  | 110593  | VECTOR OR VECTORS                        |
| S9  | 0       | S7 AND S8]                               |
| S10 | 8       | S7 AND S8                                |
| S11 | 60      | S1 AND S8                                |
| S12 | 3679518 | PY=1986:1987                             |
| S13 | 16      | S11 AND S12                              |
| S14 | 10      | RD (unique items)                        |
| S15 | 0       | MOLONEY (W) FRIEND (W) VIRUS             |
| S16 | 0       | S MOLONEY (W) FRIEND                     |
| S17 | 1441    | FRIEND (W) VIRUS                         |
| S18 | 4507    | MOLONEY                                  |
| S19 | 73      | S17 AND S18                              |
| S20 | 20      | S2 AND S19                               |
| S21 | 14      | RD (unique items)                        |
| ?   |         |  |

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 DIALOG(R)File 154:MEDLINE(R)  
 (c) format only 1995 Knight-Ridder Info. All rts. reserv.

09185125 95115125

Multiple modifications in cis elements of the long terminal repeat of retroviral vectors lead to increased expression and decreased DNA methylation in embryonic carcinoma cells.

Challita PM; Skelton D; el-Khoueiry A; Yu XJ; Weinberg K; Kohn DB  
 Department of Microbiology, University of Southern California School of Medicine, Los Angeles.

J Virol (UNITED STATES) Feb 1995, 69 (2) p748-55, ISSN 0022-538X  
 Journal Code: KCV

Contract/Grant No.: DK-42694, DK, NIDDK

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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Display 10/3/8 (Item 2 from file: 154)  
 DIALOG(R)File 154:MEDLINE(R)  
 (c) format only 1995 Knight-Ridder Info. All rts. reserv.

07273854 90180854

Introduction and expression of the interleukin 2 receptor (Tac) gene in hematopoietic stem cells with retrovirus vectors.

Takeda S; Hamaguchi Y; Zong SQ; Kuze K; Honjo T; Ishimoto M; Nakano T; Kitamura Y

Department of Medical Chemistry, Kyoto University Faculty of Medicine, Japan.

Growth Factors (SWITZERLAND) 1988, 1 (1) p59-66, ISSN 0897-7194  
 Journal Code: AOI

Languages: ENGLISH

Document type: JOURNAL ARTICLE

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| Set | Items   | Description                              |
|-----|---------|--|
| S1  | 149     | MYELOPROLIFERATIVE (W) SARCOMA (W) VIRUS |
| S2  | 24082   | ENHANCER                                 |
| S3  | 4898    | LTR                                      |
| S4  | 749     | LTRS                                     |
| S5  | 5074    | S3 OR S4                                 |
| S6  | 28      | S1 AND S5                                |
| S7  | 16      | RD (unique items)                        |
| S8  | 110593  | VECTOR OR VECTORS                        |
| S9  | 0       | S7 AND S8]                               |
| S10 | 8       | S7 AND S8                                |
| S11 | 60      | S1 AND S8                                |
| S12 | 3679518 | PY=1986:1987                             |
| S13 | 16      | S11 AND S12                              |
| S14 | 10      | RD (unique items)                        |

?d s14/3/1-10

Display 14/3/1 (Item 1 from file: 55)  
 DIALOG(R)File 55:BIOSIS PREVIEWS(R)